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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
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AGRICULTURAL NEWS: This past week broke the trend of above normal temperatures, with the average temperature throughout the State 2 degrees below normal at 74 degrees. Precipitation throughout the State was 0.54 inches below normal, totaling 0.44 inches. The crops are mostly in good condition, but the past weeks of above normal temperatures has dried out the fields and the crops are now in need of a good rain. **Topsoil moisture** was rated as 12 percent very short, 31 percent short, 52 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated as 3 percent very short, 23 percent short, 69 percent adequate, and 5 percent surplus. There were 6.3 days, out of a possible 7, suitable for fieldwork. Harvesting wheat, planting double crop soybeans, cutting hay, and spraying soybeans and tobacco were the major activities for the week.

ROW CROPS: The **corn** is still in mostly good condition with 1 percent rated as very poor, 4 percent poor, 18 percent fair, 57 percent good, and 20 percent excellent. Corn silking is at 51 percent, well ahead of last year's 21 percent and the five year average of 38 percent. As of Sunday July 4, 96 percent of the planted soybeans had emerged, ahead of the 91 percent last year, but the same as the five year average. Soybeans blooming was 35 percent, well ahead of last year's 6 percent, and the five year average of 17 percent. The condition of the soybean crop was reported as 1 percent very poor, 2 percent poor, 10 percent fair, 57 percent good, and 30 percent excellent.

TOBACCO: Throughout the State, the tobacco crop continues to look good, although like most of the State's crops, needs rain. The condition of set tobacco was reported as 1 percent very poor, 2 percent poor, 16 percent fair, 61 percent good and 20 percent excellent. Twenty-eight percent of set

tobacco was less than 12 inches high, with 39 percent from 12 to 24 inches in height, and 33 percent over 24 inches tall.

SMALL GRAINS: Winter wheat harvest for grain is nearing completion, with the majority of the crop in good condition. As of Sunday July 4, the winter wheat harvested was at 95 percent, compared to last year's 89 percent and the five year average of 91 percent.

OTHER CROPS AND PASTURE: With the dry weather farmers have been busy harvesting hay, with the hay condition still remaining mostly in good condition. As of July 4, pastures were rated as 2 percent very poor, 3 percent poor, 24 percent fair, 56 percent good, and 15 percent excellent.

CROP PROGRESS for week ending 07/04/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	51	17	21	38
Soybeans Emerged	96	89	91	96
Soybeans Blooming	35	15	6	17
Wheat Harvested	95	80	89	91

SOIL MOISTURE for week ending 07/04/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	12	31	52	5
Subsoil	3	23	69	5

CROP CONDITIONS for week ending 07/04/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	4	18	57	20
Soybeans	1	2	10	57	30
Pasture	2	3	24	56	15
Tobacco	1	2	16	61	20

KENTUCKY WEATHER SUMMARY, JUNE 28 – JULY 4, 2010:

Below Normal Temperature and Below Normal Rainfall:

This past week broke the 5 straight weeks in a row with above normal temperature, with an average temperature 2 degrees below normal. The below normal temperatures were due to a high pressure that stayed to our north, which brought in cooler air from the north most all week. Rain was scarce this past week, with Monday being the day most all the rainfall came in, due to a passing cold front.

Temperatures for the period averaged 74 degrees across the state which was 2 degrees below normal and 7 degrees cooler than the previous week. High temperatures averaged from 86 in the West to 83 in the East. Departure from normal high temperatures ranged from 3 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 64 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 2 degrees below normal in the East.

Rainfall for the period totaled 0.44 inches statewide which was 0.54 inches below normal. Rainfall totals by climate division, West 0.27 inches, Central 0.38 inches, Bluegrass 0.60 inches and East 0.52 inches, which was 0.62, 0.65, 0.38 and 0.52 inches respectively below normal. By station, rainfall totals ranged from a low of 0.02 inches at Campbellsville to a high of 1.24 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 4, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.38	14.18	3.39	+1.36	-0.22	91	55	73.6	-2	160	1837	+292
Berea	0.04	16.73	2.82	+3.00	-0.92	91	49	71.6	-3	146	1734	+153
Bowling Green	0.13	20.45	3.20	+6.26	-0.76	92	56	75.8	+0	170	1955	+344
Bristol	0.60	7.26	2.07	-4.18	-1.34	94	57	74.4	-0	161	1748	+299
Buckhorn Lake	0.59	12.59	3.01	-0.20	-0.95	88	50	71.3	-3	146	1681	+297
Cape Girardeau	0.00	11.78	1.63	-1.88	-1.60	93	58	77.1	-0	177	1982	+300
Campbellsville	0.02	18.82	2.97	+3.86	-1.09	89	54	73.3	-2	159	1797	+246
Covington	1.24	14.70	6.91	+2.15	+3.28	89	58	72.6	-2	153	1696	+302
Cumberland Gap	0.66	11.82	3.59	-2.18	-0.53	91	49	73.0	-2	155	1811	+392
Dix Dam	0.51	17.08	3.35	+3.65	-0.26	91	53	73.6	-1	157	1774	+229
Evansville	0.60	8.86	2.34	-4.05	-0.99	92	56	75.0	-2	165	1899	+313
Glasgow	0.85	15.85	2.46	+0.78	-1.92	89	58	74.8	-1	169	1896	+375
Grayson	0.12	16.67	4.86	+4.16	+1.13	89	50	71.3	-3	146	1684	+361
Hardinsburg	0.29	15.01	1.25	+1.27	-2.43	90	52	73.2	-2	155	1834	+223
Henderson	0.65	11.06	2.12	-2.20	-1.45	89	55	72.6	-5	153	1878	+262
Huntington	0.07	14.82	4.79	+2.46	+1.16	92	54	72.6	-2	151	1759	+335
Jackson	0.65	16.11	4.53	+2.86	+0.75	89	57	72.8	-2	155	1803	+419
Lexington	0.64	16.83	4.54	+4.01	+0.93	92	56	74.1	-1	160	1764	+340
London	0.65	12.35	2.98	-0.22	-0.56	90	55	73.6	-1	161	1793	+374
Louisville	0.35	16.52	4.31	+3.48	+0.93	94	63	78.3	+3	187	2029	+443
Mayfield	0.22	10.67	2.33	-3.48	-0.98	91	55	74.0	-3	160	1967	+295
Nashville	0.76	24.89	4.95	+11.43	+1.57	92	60	78.1	+3	185	2030	+318
Nolin Lake	0.26	16.26	2.98	+1.52	-0.84	89	58	73.4	-2	158	1819	+339
Paducah	0.11	11.44	2.74	-3.24	-1.04	92	57	75.8	-2	172	1984	+307
Princeton	0.06	18.53	4.39	+4.23	+0.75	89	57	74.1	-3	163	1935	+289
Quicksand	0.78	12.90	3.94	-0.35	+0.16	91	50	72.4	-2	150	1772	+388
Somerset	0.67	17.47	3.95	+3.02	-0.09	89	51	72.1	-3	150	1756	+246
Spindletop	0.58	15.19	3.88	+2.37	+0.27	93	54	73.3	-1	154	1765	+341
Williamstown	0.61	17.12	7.27	+4.06	+3.65	89	55	71.7	-3	147	1694	+270

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.agwx.ca.uky.edu/>